

## Gregory, Bernarr

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**From:** PLUS  
**Sent:** Wednesday, August 04, 2004 9:48 AM  
**To:** Gregory, Bernarr  
**Subject:** PLUS Results for 10826754

Here are the PLUS search results for 10826754.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to [PLUS@uspto.gov](mailto:PLUS@uspto.gov).



10826754\_QUAL.txt



10826754\_LIST.txt



10826754\_WEST.txt



10826754\_EAST.txt



10826754.east



10826754\_CLS.txt



10826754\_CLSTITLES.t

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10826754\_WDS.txt

10826754\_QUAL

6522298 92  
6768449 92  
5646857 89  
6055477 89  
6381540 87  
6434485 87  
6529827 87  
6735542 85  
6094607 77  
6249246 77  
5614907 75  
5839080 75  
5952961 75  
6088634 75  
6122570 75  
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6711478 75  
6281836 74  
6216064 74  
6216064 74  
5890090 72  
6324448 72  
6584384 72  
6640165 72  
6662652 72  
6246960 68  
5590044 66  
6518918 65  
5583776 64  
4495500 62  
5884222 61  
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5774826 61  
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5581259 60  
5815118 60  
5995903 60  
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5570095 58  
5666111 58  
6298287 58  
5485384 58

10826754\_QUAL

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4882697 57  
5892462 57  
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10826754\_QUAL

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5923286	50
6009359	50

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PLUS Search Results for S/N 10826754, Searched August 04, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6522298	4882697
6768449	5892462
5646857	5936552
6055477	6154151
6381540	5820080
6434485	5402116
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6298287	5686664
5485384	6462703
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10826754\_EAST

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10826754\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10826754 on August 04, 2004

Original Classifications

6	73/384
6	701/213
6	701/301
6	701/4
5	701/207
5	701/9
4	342/357.06
3	340/970
3	342/357.02
3	342/357.12
3	701/16
3	701/215
2	342/120
2	342/357.14
2	342/451
2	342/63
2	701/214
2	701/7
2	701/8

Cross-Reference Classifications

17	701/213
13	340/970
9	701/214
8	342/462
8	701/301
7	340/977
7	701/207
7	701/300
7	701/4
6	73/178R
6	73/178T
6	342/357.06
6	701/14
5	73/384
5	340/961
5	342/32
4	342/120
4	342/29
4	342/33
4	342/352
4	342/357.02
4	342/358

4 342/38  
4 701/208  
4 701/223  
4 701/224  
3 244/180  
3 340/945  
3 340/963  
3 342/355  
3 342/357.01  
3 342/357.14  
3 342/451  
3 342/457  
3 342/46  
3 342/49  
3 342/50  
3 342/64  
3 701/1  
3 701/13  
3 701/215  
3 701/216  
3 701/217  
3 701/220  
3 701/5  
3 701/9  
2 73/387  
2 244/181  
2 244/76R  
2 340/972  
2 340/973  
2 340/974  
2 340/980  
2 340/988  
2 342/118  
2 342/179  
2 342/195  
2 342/25F  
2 342/26B  
2 342/30  
2 342/356  
2 342/357.08  
2 342/357.09  
2 342/357.11  
2 342/36  
2 342/464  
2 342/57  
2 342/65  
2 701/18  
2 701/210

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2 701/219  
2 701/221  
2 701/226  
2 701/3  
2 701/8  
2 708/442

Combined Classifications

23 701/213  
16 340/970  
14 701/301  
13 701/4  
12 701/207  
11 73/384  
11 701/214  
10 342/357.06  
9 342/462  
8 701/9  
7 340/977  
7 342/357.02  
7 701/300  
6 73/178R  
6 73/178T  
6 340/961  
6 342/120  
6 701/14  
6 701/215  
5 342/29  
5 342/32  
5 342/33  
5 342/357.14  
5 342/451  
4 244/180  
4 340/963  
4 342/352  
4 342/357.01  
4 342/358  
4 342/38  
4 701/16  
4 701/208  
4 701/217  
4 701/220  
4 701/223  
4 701/224  
4 701/8  
3 73/387  
3 340/945  
3 340/980

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3 342/355  
3 342/357.08  
3 342/357.12  
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3 342/63  
3 342/64  
3 701/1  
3 701/13  
3 701/216  
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2 342/357.09  
2 342/357.11  
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2 342/464  
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2 701/18  
2 701/210  
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2 701/33  
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10826754\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10826754 on August 04, 2004

23	701/213	(6 OR, 17 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/200	NAVIGATION
	701/207	.Employing position determining equipment
	701/213	..Using Global Positioning System (GPS)
16	340/970	(3 OR, 13 XR)
	Class 340 :	COMMUNICATIONS: ELECTRICAL
	340/945	AIRCRAFT ALARM OR INDICATING SYSTEMS
	340/963	.Flight alarm
	340/970	..Altitude
14	701/301	(6 OR, 8 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/300	RELATIVE LOCATION
	701/301	.Collision avoidance
13	701/4	(6 OR, 7 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/3	.Aeronautical vehicle
	701/4	..Altitude or attitude control or indication
12	701/207	(5 OR, 7 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/200	NAVIGATION
	701/207	.Employing position determining equipment
11	73/384	(6 OR, 5 XR)
	Class 073 :	MEASURING AND TESTING
	73/384	BAROMETER (E.G., ALTIMETER)
11	701/214	(2 OR, 9 XR)
	Class 701 :	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/200	NAVIGATION
	701/207	.Employing position determining equipment
	701/213	..Using Global Positioning System (GPS)

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- 701/214           ...Means to improve accuracy of position or  
                  location
- 10 342/357.06       (4 OR, 6 XR)  
    Class    342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS  
                                  AND DEVICES  
    342/350       DIRECTIVE  
    342/352       .Including a satellite  
    342/357.01     ..With position indicating  
    342/357.06     ...Using Global Positioning Satellite (GPS or  
                                  Glonass)
- 9  342/462         (1 OR, 8 XR)  
    Class    342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS  
                                  AND DEVICES  
    342/350       DIRECTIVE  
    342/450       .Position indicating (e.g., triangulation)  
    342/462       ..With altitude determination
- 8  701/9           (5 OR, 3 XR)  
    Class    701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                                  RELATIVE LOCATION  
    701/1         VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
                                  INDICATION  
    701/3         .Aeronautical vehicle  
    701/4         ..Altitude or attitude control or indication  
    701/8         ...Threshold or reference value  
    701/9         ....Warning signal or alarm
- 7  340/977         (0 OR, 7 XR)  
    Class    340 :   COMMUNICATIONS:  ELECTRICAL  
    340/945       AIRCRAFT ALARM OR INDICATING SYSTEMS  
    340/971       ..Nonalarm flight indicator  
    340/977       ..Altitude
- 7  342/357.02       (3 OR, 4 XR)  
    Class    342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS  
                                  AND DEVICES  
    342/350       DIRECTIVE  
    342/352       .Including a satellite  
    342/357.01     ..With position indicating  
    342/357.02     ...With accuracy enhancing
- 7  701/300         (0 OR, 7 XR)  
    Class    701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                                  RELATIVE LOCATION  
    701/300       RELATIVE LOCATION



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6	73/178R	(0 OR, 6 XR)	
	Class	073	: MEASURING AND TESTING
	73/178R		NAVIGATION
6	73/178T	(0 OR, 6 XR)	
	Class	073	: MEASURING AND TESTING
	73/178R		NAVIGATION
	73/178T		.Take-off and landing monitors
6	340/961	(1 OR, 5 XR)	
	Class	340	: COMMUNICATIONS: ELECTRICAL
	340/945		AIRCRAFT ALARM OR INDICATING SYSTEMS
	340/961		.Potential collision with other aircraft
6	342/120	(2 OR, 4 XR)	
	Class	342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
			AND DEVICES
	342/118		DETERMINING DISTANCE
	342/120		.Altimeter
6	701/14	(0 OR, 6 XR)	
	Class	701	: DATA PROCESSING: VEHICLES, NAVIGATION, AND
			RELATIVE LOCATION
	701/1		VEHICLE CONTROL, GUIDANCE, OPERATION, OR
			INDICATION
	701/3		.Aeronautical vehicle
	701/14		..Flight condition indicating system
6	701/215	(3 OR, 3 XR)	
	Class	701	: DATA PROCESSING: VEHICLES, NAVIGATION, AND
			RELATIVE LOCATION
	701/200		NAVIGATION
	701/207		.Employing position determining equipment
	701/213		..Using Global Positioning System (GPS)
	701/214		...Means to improve accuracy of position or
			location
	701/215		....Having multiple GPS antennas or receivers
			(e.g., differential GPS)
5	342/29	(1 OR, 4 XR)	
	Class	342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
			AND DEVICES
	342/29		AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)
5	342/32	(0 OR, 5 XR)	
	Class	342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
			AND DEVICES
	342/29		AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)

10826754\_CLSTITLES  
 342/30 .With transponder  
 342/32 ..Included in Secondary Surveillance Radar (SSR  
 )  
 or Air Traffic Control Radio Beacon System  
 (ATCRBS)

5 342/33 (1 OR, 4 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/33 AIRCRAFT LANDING SYSTEM

5 342/357.14 (2 OR, 3 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating  
 342/357.06 ...Using Global Positioning Satellite (GPS or  
 Glonass)  
 342/357.14 ....Combined with secondary navigation system  
 (i.e., LORAN, gyroscope, inertial, dead rec

koning, etc.)

5 342/451 (2 OR, 3 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/450 .Position indicating (e.g., triangulation)  
 342/451 ..By computer

4 244/180 (1 OR, 3 XR)  
 Class 244 : AERONAUTICS  
 244/75R AIRCRAFT CONTROL  
 244/76R .Automatic  
 244/175 ..Electric course control  
 244/180 ...By change in altitude

4 340/963 (1 OR, 3 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS  
 340/963 .Flight alarm

4 342/352 (0 OR, 4 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite

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4 342/357.01 (1 OR, 3 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating

4 342/358 (0 OR, 4 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/358 ..With satellite signal correction

4 342/38 (0 OR, 4 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/36 AIR TRAFFIC CONTROL  
 342/37 .Secondary Surveillance Radar (SSR) or Air  
 Traffic Control Radar Beacon System (ATCRB)

S)

342/38 ..With altitude information

4 701/16 (3 OR, 1 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/3 .Aeronautical vehicle  
 701/16 ..With indication or control of landing

4 701/208 (0 OR, 4 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/200 NAVIGATION  
 701/207 .Employing position determining equipment  
 701/208 ..For use in a map data base system

4 701/217 (1 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/200 NAVIGATION  
 701/207 .Employing position determining equipment  
 701/217 ..Using dead-reckoning apparatus

4 701/220 (1 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION

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	701/200	NAVIGATION
	701/207	.Employing position determining equipment
	701/220	..Using inertial sensor
4	701/223	(0 OR, 4 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/200	NAVIGATION
	701/207	.Employing position determining equipment
	701/223	..With radar or optical ground scanner
4	701/224	(0 OR, 4 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/200	NAVIGATION
	701/224	.With indicated course correction (compass deviation)
4	701/8	(2 OR, 2 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/3	.Aeronautical vehicle
	701/4	..Altitude or attitude control or indication
	701/8	...Threshold or reference value
3	73/387	(1 OR, 2 XR)
	Class	073 : MEASURING AND TESTING
	73/384	BAROMETER (E.G., ALTIMETER)
	73/386	.Aneroid
	73/387	..Settable
3	340/945	(0 OR, 3 XR)
	Class	340 : COMMUNICATIONS: ELECTRICAL
	340/945	AIRCRAFT ALARM OR INDICATING SYSTEMS
3	340/980	(1 OR, 2 XR)
	Class	340 : COMMUNICATIONS: ELECTRICAL
	340/945	AIRCRAFT ALARM OR INDICATING SYSTEMS
	340/971	.Nonalarm flight indicator
	340/980	..Indicator visible in pilot's line of sight through windscreen
3	342/355	(0 OR, 3 XR)
	Class	342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE

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- 342/352 .Including a satellite
- 342/355 ..With control of satellite altitude
  
- 3 342/357.08 (1 OR, 2 XR)
  - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
  - 342/350 DIRECTIVE
  - 342/352 .Including a satellite
  - 342/357.01 ..With position indicating
  - 342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)
  - 342/357.08 ....Determining relative position (e.g., distance or direction)
  
- 3 342/357.12 (3 OR, 0 XR)
  - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
  - 342/350 DIRECTIVE
  - 342/352 .Including a satellite
  - 342/357.01 ..With position indicating
  - 342/357.06 ...Using Global Positioning Satellite (GPS or Glonass)
  - 342/357.12 ....GPS receiver signal processing
  
- 3 342/457 (0 OR, 3 XR)
  - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
  - 342/350 DIRECTIVE
  - 342/450 .Position indicating (e.g., triangulation)
  - 342/457 ..Land vehicle location (e.g., bus, police car)
  
- 3 342/46 (0 OR, 3 XR)
  - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
  - 342/42 RADAR TRANSPONDER SYSTEM
  - 342/46 .Navigational
  
- 3 342/49 (0 OR, 3 XR)
  - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
  - 342/42 RADAR TRANSPONDER SYSTEM
  - 342/46 .Navigational
  - 342/47 ..Distance measuring equipment (DME)
  - 342/49 ...With VOR/TACAN
  
- 3 342/50 (0 OR, 3 XR)
  - Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

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 AND DEVICES  
 342/42 RADAR TRANSPONDER SYSTEM  
 342/50 .With Telemetry

3 342/63 (2 OR, 1 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE  
 342/63 .Aircraft guidance

3 342/64 (0 OR, 3 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE  
 342/63 .Aircraft guidance  
 342/64 ..With map matching

3 701/1 (0 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION

3 701/13 (0 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
 INDICATION  
 701/3 .Aeronautical vehicle  
 701/4 ..Altitude or attitude control or indication  
 701/13 ...Spacecraft or satellite

3 701/216 (0 OR, 3 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/200 NAVIGATION  
 701/207 .Employing position determining equipment  
 701/213 ..Using Global Positioning System (GPS)  
 701/214 ...Means to improve accuracy of position or  
 location  
 701/216 ....Having an self-contained position computin

g

means (e.g., dead reckoning)

3 701/221 (1 OR, 2 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/200 NAVIGATION

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	701/207	.Employing position determining equipment
	701/220	..Using inertial sensor
	701/221	...With correction by noninertial sensor
3	701/3	(1 OR, 2 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/3	.Aeronautical vehicle
3	701/5	(0 OR, 3 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/3	.Aeronautical vehicle
	701/4	..Altitude or attitude control or indication
	701/5	...Rate of change (e.g., ascent, decent)
3	701/7	(2 OR, 1 XR)
	Class	701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION
	701/1	VEHICLE CONTROL, GUIDANCE, OPERATION, OR INDICATION
	701/3	.Aeronautical vehicle
	701/4	..Altitude or attitude control or indication
	701/7	...Air speed or velocity measurement
2	244/181	(0 OR, 2 XR)
	Class	244 : AERONAUTICS
	244/75R	AIRCRAFT CONTROL
	244/76R	.Automatic
	244/175	..Electric course control
	244/180	...By change in altitude
	244/181	....By change in pitch, angle of attack or flight path
2	244/183	(1 OR, 1 XR)
	Class	244 : AERONAUTICS
	244/75R	AIRCRAFT CONTROL
	244/76R	.Automatic
	244/175	..Electric course control
	244/183	...Of aircraft on its landing course
2	244/76R	(0 OR, 2 XR)
	Class	244 : AERONAUTICS
	244/75R	AIRCRAFT CONTROL

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244/76R .Automatic

2 340/972 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS  
 340/971 .Nonalarm flight indicator  
 340/972 ..Runway presentation

2 340/973 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS  
 340/971 .Nonalarm flight indicator  
 340/973 ..Indicator of at least four flight parameters  
 (altitude, speed, etc.)

2 340/974 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS  
 340/971 .Nonalarm flight indicator  
 340/974 ..Attitude

2 340/988 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/988 VEHICLE POSITION INDICATION

2 342/118 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/118 DETERMINING DISTANCE

2 342/179 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/175 WITH PARTICULAR CIRCUIT  
 342/176 .Display  
 342/179 ..Image production

2 342/195 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/175 WITH PARTICULAR CIRCUIT  
 342/195 .Digital processing

2 342/25F (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/25R SYNTHETIC APERTURE RADAR  
 342/25A .Mapping or imaging using synthetic aperture



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radar

342/25F ..Particular SAR processing techniques (e.g.  
spotlight mode, squint mode, doppler beam-sharpening mode,  
bistatic SAR, inverse SAR)

2 342/26B (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/26R Radar for meteorological use

342/26B .Mounted on aircraft

2 342/30 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/29 AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)

342/30 .With transponder

2 342/356 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/356 ..Synchronous satellite

2 342/357.09 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or  
Glonass)

342/357.09 ....With transmission of location-indicative  
information to or from a remote station

2 342/357.11 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/350 DIRECTIVE

342/352 .Including a satellite

342/357.01 ..With position indicating

342/357.06 ...Using Global Positioning Satellite (GPS or  
Glonass)

342/357.11 ....Attitude determination

2 342/36 (0 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

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AND DEVICES

342/36                   AIR TRAFFIC CONTROL

2   342/455           (1 OR, 1 XR)  
       Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS  
                           AND DEVICES  
       342/350           DIRECTIVE  
       342/450           .Position indicating (e.g., triangulation)  
       342/454           ..Traffic  
       342/455           ...Having collision avoidance

2   342/464           (0 OR, 2 XR)  
       Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS  
                           AND DEVICES  
       342/350           DIRECTIVE  
       342/450           .Position indicating (e.g., triangulation)  
       342/463           ..Having plural transmitters or receivers  
       342/464           ...Plural transmitters only

2   342/57           (0 OR, 2 XR)  
       Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS  
                           AND DEVICES  
       342/52           COMBINED WITH DIVERSE TYPE RADIANT ENERGY  
                           SYSTEM  
       342/57           .With radio voice communication

2   342/65           (0 OR, 2 XR)  
       Class   342 :   COMMUNICATIONS:  DIRECTIVE RADIO WAVE SYSTEMS  
                           AND DEVICES  
       342/61           RETURN SIGNAL CONTROLS EXTERNAL DEVICE  
       342/63           .Aircraft guidance  
       342/65           ..With terrain avoidance or alarm

2   701/18           (0 OR, 2 XR)  
       Class   701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                           RELATIVE LOCATION  
       701/1           VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
                           INDICATION  
       701/3           .Aeronautical vehicle  
       701/16           ..With indication or control of landing  
       701/18           ...Profile of descent

2   701/210           (0 OR, 2 XR)  
       Class   701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                           RELATIVE LOCATION  
       701/200           NAVIGATION  
       701/207           .Employing position determining equipment  
       701/208           ..For use in a map data base system

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701/209           ...Including route searching or determining device

701/210           ....Route correction, modification, or verification

2   701/219           (0 OR, 2 XR)

      Class   701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                      RELATIVE LOCATION

      701/200           NAVIGATION

      701/207           ..Employing position determining equipment

      701/219           ..Using Loran or Shoran or Decca equipment

2   701/226           (0 OR, 2 XR)

      Class   701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                      RELATIVE LOCATION

      701/200           NAVIGATION

      701/226           ..Space orbits or paths

2   701/33            (1 OR, 1 XR)

      Class   701 :   DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                      RELATIVE LOCATION

      701/1            VEHICLE CONTROL, GUIDANCE, OPERATION, OR  
                      INDICATION

      701/29           ..Vehicle diagnosis or maintenance indication

      701/33           ..Plural processors or external processor

2   708/442           (0 OR, 2 XR)

      Class   708 :   ELECTRICAL COMPUTERS:   ARITHMETIC PROCESSING  
                      AND CALCULATING

      708/100           ELECTRICAL DIGITAL CALCULATING COMPUTER

      708/200           ..Particular function performed

      708/442           ..Coordinate conversion

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above 6  
abstmct 1  
access 1  
accessible 2  
accm 1  
accomplished 1  
accordance 1  
according 2  
accordingly 2  
account 1  
accumcy 1  
accuracy 3  
accurate 10  
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acy 1  
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advantage 1  
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allowing 1  
allows 1  
alone 1  
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also 2  
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alternatively 1  
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altimeter 26  
altimeters 3  
altitude 23  
altitudes 1  
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applied 1  
appreciated 2  
approach 2

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aspect 1  
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atmosphere 1  
atmospheric 3  
attempt 1  
augment 1  
automatic 1  
availability 1  
background 1  
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becomes 1  
being 2  
below 2  
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between 5  
bias 4  
block 3  
both 3  
brief 1  
by 9  
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calibrated 4  
calibrating 3  
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calibration 13  
can 3  
capabilities 1

capable 1  
cartographic 1  
cartopaphic 1  
cartoraphic 2  
ccmstraints 1  
change 1  
changes 1  
combination 1  
combinations 1  
combines 2  
common 1  
communicated 1  
communication 1  
complementary 1  
component 1  
components 3  
computations 2  
compute 2  
computer 2  
configuration 1  
connected 3  
connects 1  
cons 1  
constantly 1  
constrained 1  
contains 1  
continuous 1  
conventional 3  
conversely 1  
conversion 1  
convert 1  
converts 1  
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correct 1  
correction 3  
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corresponding 1  
ct 1  
currently 1  
data 6  
denote 1  
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derived 9  
derwed 1  
described 1  
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 earth 1  
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 elevation 3  
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error 4  
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estimate 1  
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exterior 2  
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fact 1  
factors 1  
fails 1  
feamres 2  
features 1  
field 1  
fig 7  
fills 1  
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fluctuations 1  
for 22  
foregoing 2  
frame 2  
from 9  
front 1  
fronts 1  
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further 2  
furthermore 1  
general 1  
generally 1  
geometry 2  
given 1  
global 2  
gps 38  
graphical 1  
handheld 1  
has 2  
have 2  
having 1  
heating 1  
height 3  
hence 2  
horizon 1



horizontal 3  
housed 2  
housing 7  
however 5  
identified 1  
illus 2  
illustrating 1  
illustrative 1  
improve 1  
improved 2  
improving 1  
in 31  
include 2  
includes 1  
incomorates 1  
incoporates 1  
incorporating 1  
incorporation 1  
indeed 1  
independently 1  
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indicated 1  
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information 17  
inherently 1  
initially 1  
input 6  
inputs 1  
integration 1  
intemal 1  
internal 1  
intervention 1  
into 4  
invention 24  
iong 2  
is 42  
it 8  
iuqpnannnqqus 1  
iurai 1  
keypad 3  
known 6  
larger 1  
less 4  
level 2  
like 3  
limited 1  
ln 2  
local 2

location 2  
long 2  
lookup 1  
made 2  
makes 1  
manner 1  
many 1  
map 1  
maritude 1  
mathematical 1  
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mean 2  
meaningfully 1  
measured 1  
measurement 10  
measurements 15  
measures 1  
measuring 1  
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memory 5  
meters 1  
method 10  
methods 2  
minimum 1  
minutes 1  
mnnner 1  
mode 5  
model 2  
modes 1  
more 6  
motion 1  
move 3  
movement 1  
msl 1  
much 1  
must 2  
nature 1  
navigation 15  
navigational 1  
ne 14  
necessary 1  
need 9  
needs 2  
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nis 1  
no 2

normal 1  
not 6  
noted 1  
numbers 1  
numeral 1  
numerals 1  
nus 2  
object 5  
objects 2  
obtain 2  
obtained 3  
occur 1  
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on 7  
one 2  
only 1  
operation 1  
optimal 2  
options 1  
or 11  
order 1  
oren 1  
ors 1  
other 7  
otherwise 1  
out 1  
outputs 1  
over 6  
overcome 1  
overcoming 1  
pack 1  
page 7  
parameter 1  
particular 3  
particularly 1  
pat 1  
patch 1  
perform 1  
period 1  
periods 5  
personal 2  
place 1  
plurality 2  
pmicularly 1  
port 2  
portable 4

position 3  
positioning 2  
power 3  
practice 1  
precision 1  
preferably 3  
present 16  
pressme 1  
pressure 16  
pressures 1  
prior 3  
processing 2  
processor 10  
produce 2  
proposal 2  
provide 7  
provided 1  
provides 4  
prowdes 1  
purely 1  
quantity 4  
readings 3  
received 3  
receiver 5  
receivers 1  
receiving 1  
reception 1  
recorize 1  
reference 5  
referenced 2  
referred 1  
reieved 1  
related 2  
relates 1  
remote 3  
representation 2  
required 2  
requires 1  
result 2  
resulting 1  
results 2  
route 1  
ry 1  
same 1  
satellite 2  
satellites 4  
screen 1  
sea 2

self 1  
sense 1  
sensed 2  
sensor 5  
sensors 1  
serial 1  
serves 1  
shape 1  
short 4  
should 1  
shown 1  
simply 1  
simultaneous 1  
siral 1  
sirals 3  
site 1  
sized 1  
slaort 1  
slowly 1  
solar 1  
sorware 1  
source 1  
sources 2  
stability 2  
stable 4  
standard 1  
stated 2  
stationary 1  
statistical 1  
statistically 2  
stored 1  
stores 1  
subject 1  
subsequent 1  
such 15  
suffers 1  
supply 2  
surrounding 1  
system 5  
systems 1  
table 2  
take 2  
taken 2  
tandem 1  
tcalibration 1  
tenn 1  
tens 1  
term 2

th 1  
than 6  
that 27  
the 128  
then 1  
there 3  
thereby 1  
thereof 1  
these 2  
this 5  
time 9  
ting 1  
tmits 1  
to 65  
touch 1  
trajectory 1  
tric 1  
ttnavigation 1  
two 3  
types 1  
typically 3  
ultimately 1  
uncalibrated 1  
understood 2  
undesirable 1  
undesirably 1  
unique 2  
unit 7  
units 1  
uploading 1  
upon 1  
use 4  
used 2  
user 15  
uses 1  
using 5  
utilized 3  
utilizes 1  
utilizing 2  
variations 3  
varies 1  
various 3  
varying 1  
vertical 5  
view 1  
visible 1  
weather 2  
well 4

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wgs 1  
when 1  
where 2  
which 5  
while 6  
widely 1  
will 3  
wireless 1  
wirelessly 1  
with 15  
within 2  
without 1  
worldwide 1  
would 1